

CLAIMS:

1. A thrombus capture catheter comprising:

a sheath with a lumen passing therethrough from a proximal end thereof to a distal end thereof and being closed at the proximal end thereof by a closing member;

a flexible shaft having a proximal end and a distal end and being removably arranged in the lumen of said sheath; and

a thrombus capture member provided on the distal end of said shaft and removably arranged in said sheath through the distal end thereof, said thrombus capture member comprising a crossed wire member comprised of plural wires spirally configured and crossed with one another to have a configuration swollen in middle portion and tapered to proximal and distal ends thereof, said thrombus capture member being mounted slidably on said shaft at the distal end thereof but fixed to said shaft at the proximal end thereof, said thrombus capture member being held in a contracted state within said sheath and expanded to an original state thereof when protruded from said sheath by pulling said sheath in the direction of the proximal end thereof.

2. The thrombus capture catheter according to claim 1, wherein said crossed wire member further comprises a filter provided with pores and mounted on a distal side

of said crossed wire member including the enlarged portion of said crossed wire member.

3. The thrombus capture catheter according to claim 1, wherein pores of said filter have a diameter ranging from 50 to 1000 micrometers, preferably from 50 to 500 micrometers, and more preferably from 100 to 200 micrometers.

4. The thrombus capture catheter according to claim 1, wherein said closing member is provided on a central axis thereof with a through-hole for insertion of said shaft and has a hemostatic valve arranged close to the through-hole, and wherein the proximal portion of said shaft is protruded from the sheath through said through-hole and hemostatic valve.

5. The thrombus capture catheter according to claim 1, wherein said sheath is provided in a side wall close to the distal end thereof with a side hole allowing the shaft to pass therethrough, and with a second lumen communicated with said proximal side wall and allowing said thrombus capture member to pass through, a part of said shaft extending beyond a proximal side of said thrombus capture member being protruded from the sheath through said side hole.

6. The thrombus capture catheter according to claim 1, wherein said closing member is provided with a

side infusion tube.